

Development (1928) Depa.

Series.

G.O. No.

1864

DATED

3

11 -

1928

[Despatch Abstract.]

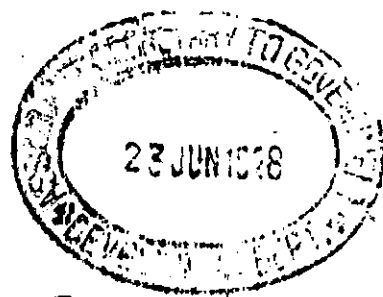
Forests - Building - District Forest Officers' on Forest at Bangalore - Erection of windmill and pump - mentioned.

Refce:No.3303-28-1.

Office of the Chief Conservator of Forests,
Chepauk, Madras, dated the 13th June 1928.

From

R.D. Richmond Esquire, I.F.S.,
As: Chief Conservator of Forests,
Chepauk, Madras.



To

The Secretary to Government,
Development Department,
Fort Saint George, Madras.
(with plans and estimate)

Sir,

Subject: Buildings- District Forest Officers' quarters-
Mangalore- Erection of a wind mill and pump
for the well.

--

It is requested that the Government will be pleased to sanction the erection of a wind-mill water pump with a storage tank and distributing pipes at an estimated cost of Rs.3,000/- for the quarters constructed for the District Forest Officers' at Mangalore with reference to G.O.No.386 Dev., dated 19-3-26. The necessary plans and estimate are enclosed.

2. The quarters have been constructed on the Kadiri Hill. At present supply is provided for by a well ninety feet deep and to require officers to pay cooly labour for raising water to that height would be a hardship.

3. The present standard rent of each of the quarters is Rs.92-15-0: the provision of the wind mill and pump will raise it to Rs.100-7-0 which is less than 10% of the average emoluments (Rs.106-15-0) of the class of tenant for whom the quarters are intended viz., an I.F.S. officer. Attention is in this connection invited to this office Refce:No.3461/7 dated 11-4-27 in which it has been proposed that the North Mangalore division which is now minor charge should also be classed as 'major' as in the case of the South Mangalore Division.

4. The site is an exposed one, and there will be no lack of wind and a mill of the type suggested requires little but lubrication to keep it in order. The system should be placed in charge of the District Forest Officer.

5. Quotations were called for for several items and those received from Messrs. Richardson and Crude^l were considered for the purpose of estimating as they were considered to be the most reliable. The Windmill, with the pump and the tractor were purchased from Messrs. Richardson and Crude^l, Madras and it is noted that their local purchases from this firm may also be estimated.
6. The amount required can be met by re-appropriation.

C. S. L. A. —————
21-6
for ag: Chief S. L. A. A.

oav.
20.6

20
55

2

Estimate Form --- Abstract.

Quantity.	Description of work.	Rate.	Per.	Amount.
Estimate for the erection of a Windmill for the District Forest Officers Quarters at Mangalore.				
	One Auto oiled Aermotor 8' diameter sails by 8" stroke on 27 feet. 4 post tower and including Brass --- Barrel Deep Well Pump 14" x 2", --- pump rods, galvanised, suction and delivery pipes to tank fixed within 10 feet of well, for well 90 feet deep, and including necessary stays for fixing suction in well.			620--0--0
	1 No. Steel platform staging to carry windmill in centre of well as per attached sketch			290--0--0
	1 No. 5 feet cube tank (capacity 800 - gallons) in 1/8" wrought iron plate with covered top and fitted with - 15" cast iron inspection door fitted with bayonet joint.			205--0--0
1000 ft.	1" Stewart and Lloyds Galvanised --- wrought iron pipes.	0-4-9	ft.	297--0--0
360 ft.	1/2" ---do--- ---do---	0-3-6	-do-	79--0--0
4 Nos.	1" x 1/2" Tus	0-14-0	each	4--0--0
8 ,,	1/2" Bends	0-8-0	,,	4--0--0
		1-0-0	,,	2--0--0
2 ,,	1" -do-	~~0-8-0~~	,,	~~16--0--0~~
1 ,,	1" bend fitted with flange	2-12-0	,,	3--0--0
4 ,,	1/2" Bib tap	2-8-0	,,	10--0--0
L.S.	Erecting a Masonry platform 6x6x10 for tank.		L.S.	100--0--0
L.S.	Conveyance of the above from Madras to Mangalore. <u>Mangalore</u>			500--0--0
	Cost of erection at site, the windmill and laying pipes			700--0--0
	Total			2814 --0--0
	Contingencies			186--0--0
	Grand Total			3000 --0--0

261
8/13/22

[Signature]
Forest Engineer, Madras.

Comparative statement of quotations for a Windmill proposed
to be erected to the District Forest Officer's quarters,
Mangalore.

Richardson & Cruddas, Madras.

Harrison & Crossfield, Quilon.

(1) One Auto oiled Aermotor 8' diameter sails by 8" stroke on 27 feet 4 post tower etc., as per description given in the estimate.	Rs. 620/-
(2) Steel platform staging to carry wind-mill, wrought iron storage tank, pipes, tus, bends taps, etc., complete as per estimate.	Rs. 894/-
(3) Erecting a masonry platform 6'x6'x10' for the tank	Rs. 100/-
(4) Conveyance of the above -- from Madras to Mangalore.	Rs. 500/-
(5) Cost of erection at site the windmill & laying pipes	Rs. 700/-
Total	Rs. 2814/-
Contingencies	Rs. 186/-
Grand total	Rs. 3000/-

(1) One Lee Howls Paragon Windmill and pump capable of pumping 400 gallons of water per day from an open well 90 feet deep etc., delivered F.O.R. ~~Mangalore~~ Mangalore.	Rs. 1200/-
(2) Same quotations as given by Richardson & Cruddas as Harrison & Crossfield have <u>not quoted</u>	Rs. 894/-
(3) Erecting a masonry -- platform 6'x6'x10' for the tank.	Rs. 100/-
(4) Conveyance for materials in item(2) only as they -- have to be carried from -- Madras.	Rs. 100/-
(5) Cost of erection at site the windmill & laying pipes	Rs. 700/-
Total	Rs. 2994/-
Contingencies	Rs. 186/-
	Rs. 3180/-

H. M. M. M.
Forest Engineer, Madras.

28/2.4

Dr. G.
Dr 26/11

6

УМ № 1844-120-026-7-20

$$\frac{3}{27.7}$$

1876-28 - Erection of
head mill and Pump -

Doc's quarters Mangrove

of getting it through the
Indian Stone Dept. He should

—

To
The Co.

27.7.8.

≡ the C.C. is also requested to ascertain and report ^{to} what ~~the~~ the depth of wells in the compounds of the ^{other Govt. officers (eg} [D^y Judge, Collector, D.S. Pres] ~~are~~ and how they overcome the difficulty

Ks.
25-7-2014

20/7/22

Office of the Chief Conservator of Forests
Chepauk, Madras, dated the 11th Sept. 1928

Ag. Chief Conservator of Forests, Madras.

Fort St. George, Madras.

Subject: Erection of wind mill and pump - District
Forest Officer's quarters at Mangalore

Refce: Government Memo No. 1844-I/28-1 dated
26th July 1928

444 445 446

Para 1 of the Memorandum. The quarters have been under occupation since 6-4-1928 and the occupants have to pay cooly labour for raising water from the well which is 90' deep. It will be impossible for the wind mill to be procured through the Stores Department before next hot weather is ended, and the low level of the water during the summer will cause an inordinate amount of trouble. It is proposed to purchase the articles from Messrs. Richardson and Cruddas who have the wind mill actually in stock. The local purchase therefore falls under Rule 5 of the Stores Rules.

2 Para 2 of the Memorandum. The depth of the wells in the compounds of the other Government Officers is as follows:-

(1) District Judge	..	23 feet
(2) Collector	..	34 "
(3) District Superintendent of Police	..	52+ "

None of these wells is situated on the Kadri Hill. They
are all in the plains or at an elevation much less than
that of the District Forest Officers' bungalows.

C. Shute 13-9
for Ag. Chief Conservator.

Secy. Dept.

subject:— Erection of a wind mill and Pump—
DFO's quarters Mangalore.

Cms 1844-I from the C.E. No 3303/28 of 18-6-28.

To Under Secy.

Please see C.E.'s letter in the c.f. The
C.E. requests that sanction may be accorded for

(1) erection of a wind-mill water pump with
a storage tank for the quarters constructed

for the DFOs at Mangalore and

(2) the local purchase of the wind-mill
from Messrs Richardson and Cudde.

Point (1) - Erection of wind mill.

It is stated that the water supply for
both the DFOs' quarters is provided for by
a well ninety feet deep and to require
the officers concerned to pay costly labour
for raising water to that height would be
a hardship. The C.E. accordingly proposes that
a wind-mill may be erected for the purpose
and the actual cost of erecting it is reported
to be Rs 3000/- It has also been pointed
out that the provision of the wind-mill
will raise the standard rent to Rs 100-70
but that it will be less than 10% of the
average emoluments of the class of tenants
for whom the quarters are intended.

So far this Dept has not agreed to the

to the erection of hand mills for the quarters constructed for Forest Officers and as such it is not possible to say whether ~~the~~ the erection of a hand mill with power mill is a ~~the~~ satisfactory arrangement or not. P.W.D. Dept. may be ^{therefore} consulted as to whether such mills are erected in any of the P.W.D. buildings and whether these mills have been working satisfactorily.

3. Point (2) Local Purchase of the mill.

The C.C. requests that ~~the local purchase~~ sanction may be given to purchase the mill locally. He has not, however, given any reason for purchasing it locally. The Rules on the subject will be found in G.O. No. 90 P. W. D. of 2-12-26 and under these Rules local purchase can be sanctioned only ^{under} Rules 9, 5 and 12 of the Rules at pages 3 and 4 of the G.O. As regards Rule 5, the sanctioning authority should place on record the reasons which make the local purchase desirable in the present case. As the C.C. has not given any special reasons, he may now be asked to report in detail why he proposes to purchase this article locally. A draft is submitted.

4. After issue of the ~~MS~~ the file may go to P. Work Dept as suggested in para 2 above.

W. H. P.
10/17/20/25/28

In the meantime we may ask him what the depth of water in the Camp was at other low tides - S. V. Lodge, Coler, S. V. P. & C. - are, & how they overcame the difficulty

24/7

To Under Secretary

A para has been added to the Draft ~~MS~~ below. After issue of the ~~MS~~ the file may go to P. Work Dept

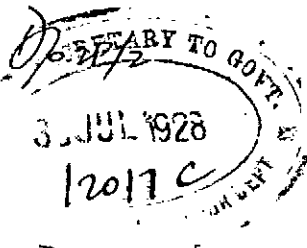
2 sent for issue 26/7

W. H. P.
25-7-28
W. H. P.

26/7/28

10/22

Dr: 1844-I/28-2
28-2-28



P. Work Dept

The ~~MS~~ may be asked whether the provision of a wind mill of the kind proposed will prove satisfactory. There seem to be no

no Govt buildings on the west coast
provided with such windmills.

2. As regards Sec Secretary's
remarks on p. 3 it may be
stated that the CEs, S.G., O.S.P., etc.
have ~~not~~ no Govt residences
provided for them. The quarters
for the S.G.'s are built on the
Kadri hill, where the depth of
water must necessarily be
great. It was originally proposed
to build S.G.'s for the CEs & O.S.P.
on this hill but this idea has
since been abandoned.

9th
30.7.28

9th
2.7.28

The depth of water on Kadri
has no relation to that in
Mangalore & the CE can't give
any useful advice about it.
Will CE please comment on
the windmill?

CE
31.7.28
CE. no.

Office of the Chief Engineer, P.W.D.
General, Buildings and Roads.

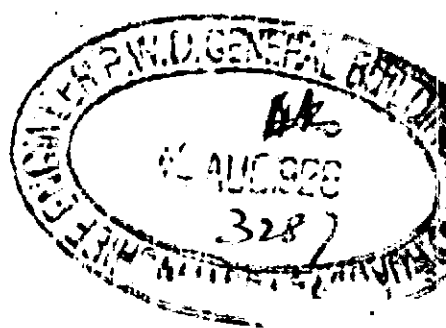
As far as can be judged by the performance of
a windmill elsewhere, it should work satisfactorily as long
as wind is available and may therefore be sanctioned.

Secretary to Government,
P.W. & Labour Dept. U.O.

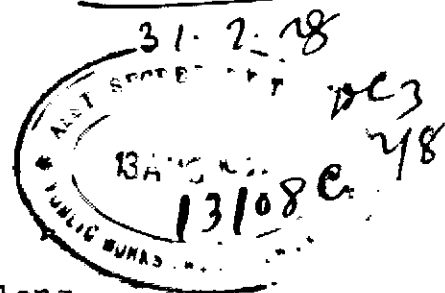
R.F.S.
9-8-1928

CE (S.M.) 2000-3287/11/28
11-8-28

(M)



P.W.D. no
No 12017 @-1



Finance (Exp.)

The proposal for the erection of a wind-mill water pump with a storage tank & distributing pipes at a cost of Rs. 3000 for the quarters of the St. Forest Officers at Mangalore may be accepted.

Adequate return will be realized on the proposed outlay - see para 3 on p. 1 CF.
2 Funds : The G.O. of Forests has reported that the expenditure (Rs. 3000) can be met by reappropriation.

As the work is a minor work, it is not necessary to place the proposal before the Finance Committee

4.10.28.

USh
5.10.28.

DS
S.

Gen. cannot accept the bare statement that the Stores Dept. could not supply by the end of next hot weather.

USh

10.10.28

S.

11.10.28.

Des



Fin. No. 29632-4+21

11.10.28

Rev. 3083 I

12-10-28

Sw. Dept.

To Under Secy

Please see Finance Dept notes on pages 6-7 supra. Finance have agreed to the erection of the windmill as suggested by the C.C. but they do not agree to the local purchase of the mill - vide Finance Deputy Secy's note on page 7 supra. For orders whether this Dept may agree with Finance and ask the C.C. to get the windmill through the Stores Dept.

M.
15-10-28.
M.
15-10-28.

May agree with Finance

18.
16/10/28
M.
17-10

To Under Secy

Draft order is submitted below for approval

M.
22-10-28.

18
29/10

S. A. 24.

Div: DEPARTMENT

When received for Fair-copying.

When copied . .

When examined . .

When signed . .

men despatched . . .

Date.

Initials.

Forward.

- Buildings — O.F.O.'s quarters
at Mangalore — Erection of windmill
and pump — sanctioned —

READ AGAIN G.O. No. _____, dated _____, 19____

19

READ ALSO :—

C. No. 1844-1 From the C.C.7., No. 3303/12-1, dated 10-6-1928.

AM No. 1844 - I / 20-1 of 26-7-28 to the C.C.F. 192

27 23 27787 22 21 C.C.7. 22 33031 21 11-9-1928.
120-2

ORDER.

Miss:

203/11/28.

No. 1864, dated 3-11-1928.

The Govt. sanction the erection of a wind-mill water pump with a storage tank and distributing pipes at an estimated cost of Rs 3,000/- for the quarters constructed for the District Forest Officers at Mangalore.

2 The Govt do not consider that there is sufficient justification for the local purchase of the windmill as suggested in para 5 of C.C.'s letter first read above.

[Handwritten signature]

~~22-6-28.~~

1897

24

10

The C. C. & .

11. A.G. through Finance
 Under Copy of C.P.'s letter 6-1-24.

11 Finance Dept. - do - 122